



Attorneys-at-Law

Your Ref.: SEC-TW-09/BC

1/3

Our Case No.: 743594

Appln. No.: 091102022

Present Stage: Primary Examination

Type of Notice: Decision of Rejection

Cited Reference: Y

[TRANSLATION]

Syllabus:

This application is rejected.

Ground:

Paragraph Two of Article 20 of Patent Law.

Explanation:

1. The application 'Input System of Portable Terminal, Portable Terminal, Control Unit, and Input program of Portable Terminal' is a portable terminal assembled with a plurality of application programs, which allows the input operation of the application programs and need not specialize the application programs.
2. According to the partial contents disclosed in the R.O.C. Patent 424899 (publication number) 'Input Means with Replaceable Input Unit' published on March 1, 2001 (as attachment : 1. An input means with a replaceable input unit, used for data input in an electric product, comprising : an input unit for users to input data; and a shell engaged with the input unit and having a control circuit means of the input unit, the shell being electrically connected with a main body of the electric product; wherein the input unit is detachably engaged to the shell. 2. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected via a detachable connector and engaged to the shell. 3. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected via a detachable and male-female type connector and engaged to the shell. 4. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected via a male connector and a female connector respectively provided at the bottom of the input unit and a recess of the shell for



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2/3

accommodating the input unit and engaged to the shell.) , the cited patent has been able to apply a plurality of programs within an interface and need not specialize the application programs. Those skilled in the art can easily accomplish the characteristics that the present invention desires to stress so that the present invention is not non-obvious.

3. As mentioned, due to utilizing technology in existence prior to its filing date and being easily achieved by a person skilled in the relevant art, the present application fails to meet the statutory requirements of an invention patent

In conclusion, the present application does not conform to the provision of the patent law, Article 20, the second paragraph, and hence should not be granted a patent.

[Claims of R.O.C. Patent 424899]

1. An input means with a replaceable input unit, used for data input in an electric product, comprising :
 - an input unit for users to input data; and
 - a shell engaged with the input unit and having a control circuit means of the input unit, the shell electrically being connected with a main body of the electric product; wherein the input unit is detachably engaged to the shell.
2. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected and engaged via a detachable connector to the shell.
3. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected and engaged via a detachable and male-female type connector to the shell.
4. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is connected via a male connector and a female connector respectively provided at the bottom of the input unit and a recess of the shell for accommodating the input unit and engaged to the shell.
5. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is a traditional keyboard.
6. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit



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3/3

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is a digital membrane keyboard.

7. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is a digital plotting touch panel.
8. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is a digital touch panel with the function of a personal digital assistant (PDA).
9. The input means with a replaceable input unit as claimed in claim 1, wherein the input unit is a digital touch panel with the function of an electric dictionary.
10. An input means with a replaceable input unit, used for data input in an electric product, comprising :
 - an input unit for users to input data; and
 - a shell engaged with the input unit and having a control circuit means of the input unit, the shell being electrically connected with a main body of the electric product;
 - wherein the input unit is detachably connected via a male connector and a female connector respectively provided at the bottom of the input unit and a recess of the shell for accommodating the input unit and engaged to the shell.

Handled by: Chung-Mo Huang

Supervisor: Nelson Yu

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中華民國專利公報 [19] [12]

[11]公告編號：424899

[44]中華民國 90年 (2001) 03月01日

新型

全 4 頁

[51] Int.Cl. 06: G06F3/00

下付
件 91102022

[54]名稱：可更換輸入單元之輸入裝置

[21]申請案號：086212332

[22]申請日期：中華民國 86年 (1997) 07月23日

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洪武雄 先生

1

2

[57]申請專利範圍：

1. 一種可更換輸入單元之輸入裝置，係用於電子產品之資料輸入，包括：供使用者輸入資料之輸入單元；以及嵌裝有該輸入單元並具有該輸入單元之控制電路裝置之殼體，同時該殼體係與電子產品之主機保持電子連接關係，其中：該輸入單元係以可裝卸自如之方式嵌裝於該殼體上。
2. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係藉由可裝卸自如之連接器連結並嵌裝於該殼體上。
3. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係藉由可裝卸自如之公、母構型連接器連結並嵌裝於該殼體上。
4. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係藉由分別設置在該輸入單元的底部以及該殼體上用以嵌裝該輸入單元之嵌裝凹部上的公、母構形連接器連結並嵌裝於該殼體上。
5. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係為傳統式鍵盤。
6. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係為數位式薄膜鍵盤。
7. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係為數位式觸控繪圖面板。
8. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係為具個人數位助理(PDA)功能之數位式觸控面板。
9. 如申請專利範圍第1項之輸入裝置，其中，該輸入單元係為具電子字典功能之數位式觸控面板。
10. 一種可更換輸入單元之輸入裝置，係用於電子產品之資料輸入，包括：供使用者輸入資料之輸入單元；以及嵌裝有該輸入單元並具有該輸入單元之控制電路裝置之殼體，同時該殼體

係與電子產品之主機保持電子連接關係，其中：

該輸入單元係藉由分別設置在該輸入單元的底部以及該殼體上用以嵌裝該輸入單元之嵌裝凹部上的公、母構形連接器以可裝卸自如之方式連結並嵌裝於該殼體上。

圖式簡單說明：

第一圖為本創作應用於筆記型電腦時之實施例示意圖；

第二圖為第一圖之筆記型電腦選用

傳統式鍵盤之示意圖；

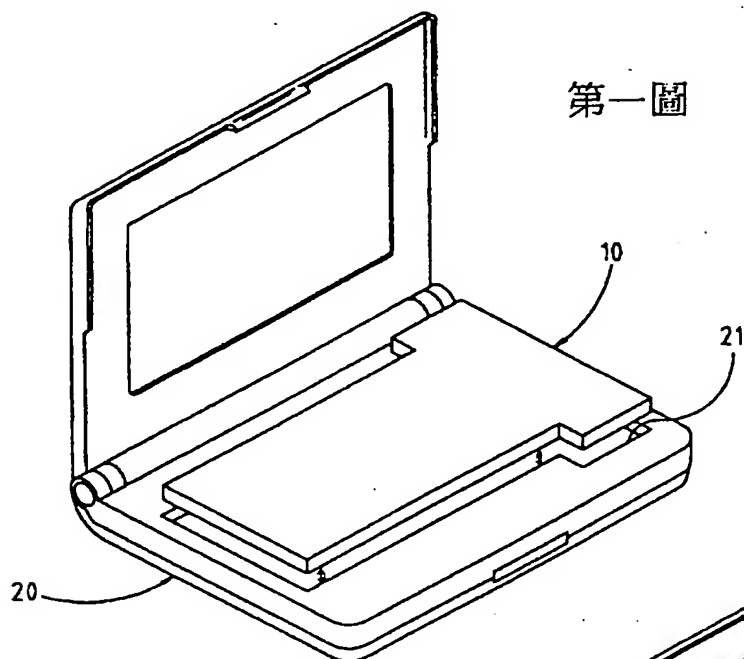
第三圖為第一圖之筆記型電腦選用數位式薄膜鍵盤之示意圖；

5. 第四圖為第一圖之筆記型電腦選用數位式繪圖面板之示意圖；

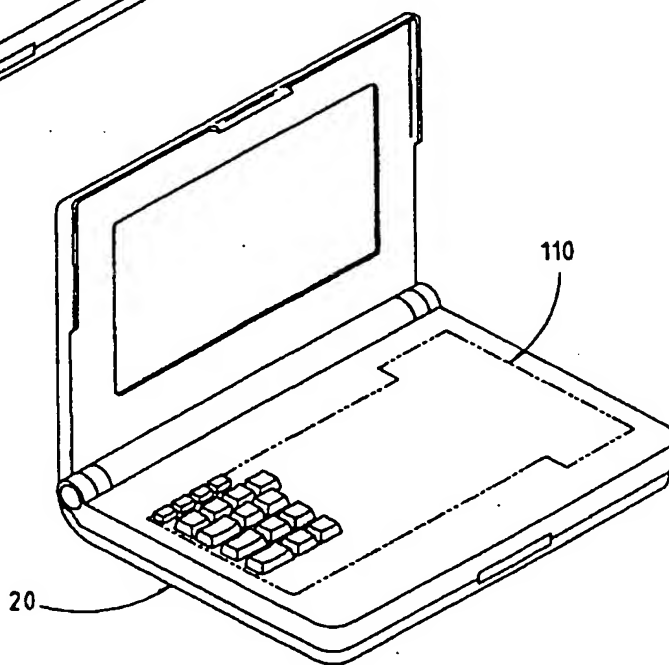
第五圖為第一圖之筆記型電腦選用具 PDA 功能之數位式觸控面板之示意圖；以及

10. 第六圖為第一圖之筆記型電腦選用具電子字典功能之數位式觸控面板之示意圖。

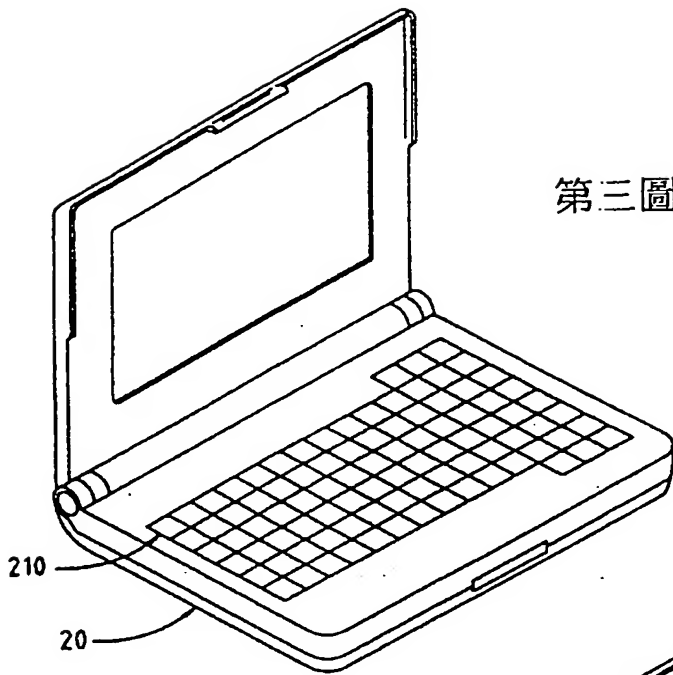
第一圖



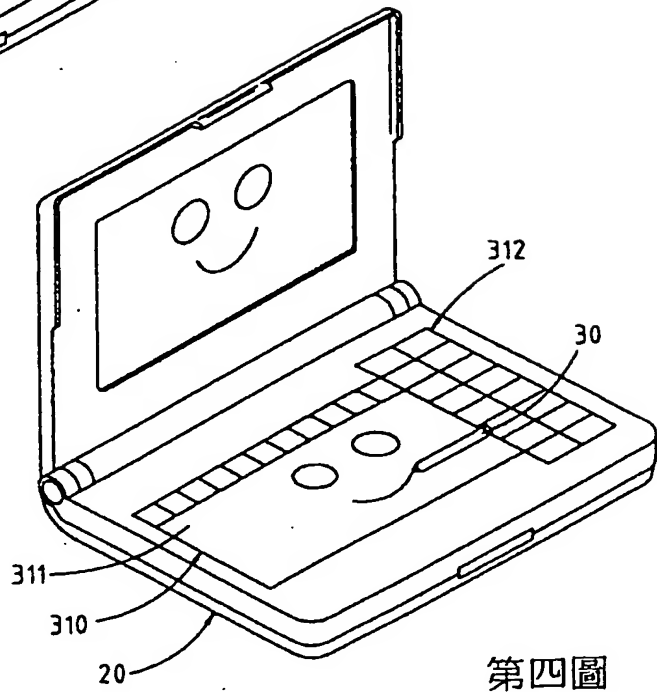
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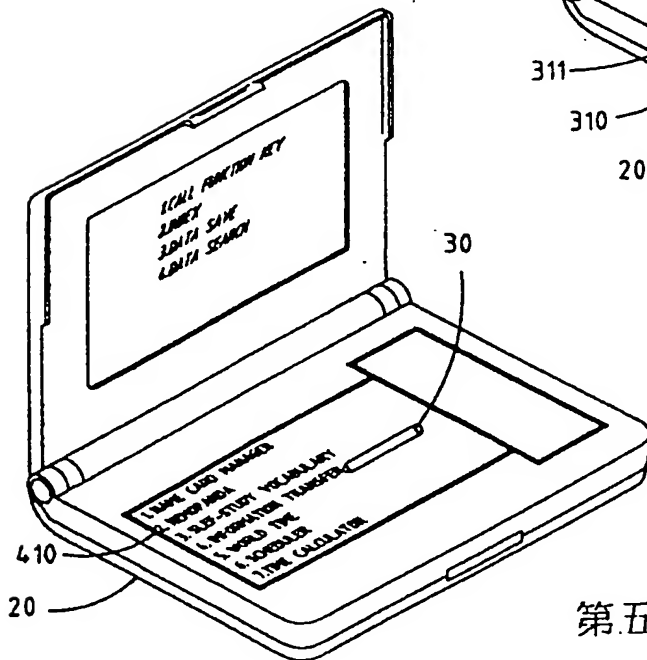
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第三圖

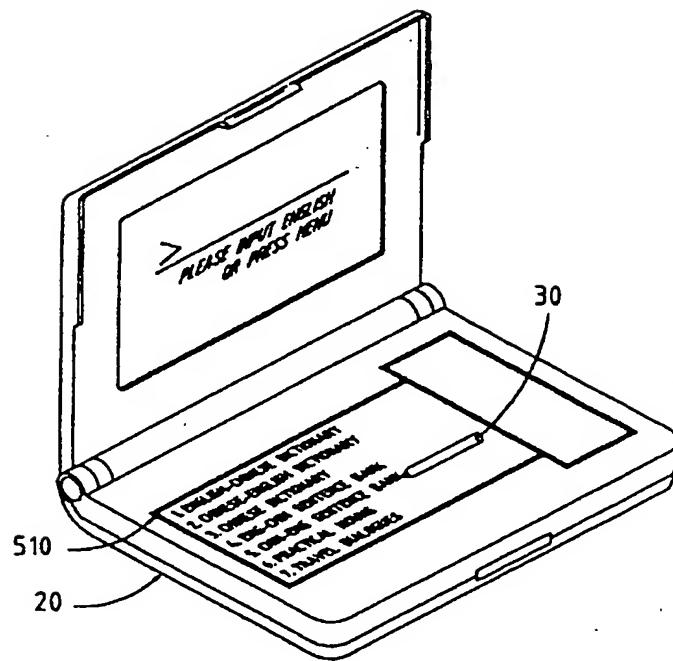


第四圖



第五圖

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第六圖